

ABSTRACT

An aircraft floor panel (10) comprising a plurality of layers (18) cured together to form a lower support level (20) and an upper heater level (22), and a metal face sheet (16) for protecting the underlying layers (18) from floor-traffic related damage. A pressure sensitive adhesive (32) (or other adhesive which retains elasticity after bonding) is used to bond the metal face sheet (16) to the underlying support/heater layers (18) so that the different rates of thermal expansion can be accommodated during curing and cooling steps of the manufacturing process.